

Water-Data Report 2006

50115000 RIO PORTUGUES NEAR PONCE, PR

RIO PORTUGUES BASIN

LOCATION.--Lat 18°04'45", long 66°38'01" referenced to North American Datum of 1927, Ponce Municipio, PR, Hydrologic Unit 21010004, on right bank 30 ft (9 m) upstream from bridge on Highway 504, 0.2 mi (0.3 km) upstream from small unnamed tributary, 4.4 mi (7.1 km) upstream from Río Chiquito, and 4.7 mi (7.6 km) north of Degetau plaza in Ponce.

DRAINAGE AREA.--8.82 mi², (22.84 km²).

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1964 to current year.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 3

[Remark codes: <, less than; E, estimated.]

Date	Time	Agency analyzing sample, code (00028)	Altitude of land surface (72000)	Instantaneous discharge, cfs (00061)	Drainage area, mi ² (81024)	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)	pH, water, unfltrd field, dissolved oxygen, mg/L (00300)	Specif. conductance, uS/cm (00400)	Temperature, water, deg C (00095)	Calcium water, unfltrd recoverable, mg/L (00916)	Magnesium water, unfltrd recoverable, mg/L (00927)	Ammonia water, unfltrd mg/L as N (00610)
Nov 09...	1020	80020	470	16	8.82	<2.0	8.6	8.6	342	23.7	--	-- .01
Feb 16...	0850	80020	470	5.1	8.82	<2.0	8.8	8.0	376	20.8	56.4	8.38 .02
May 12...	1245	80020	470	8.9	8.82	2.7	8.0	8.4	328	24.5	--	-- <.04
Aug 10...	1005	80855	470	21	8.82	<2.0	8.0	8.4	342	25.0	49.6	7.70 <.04

50115000 RIO PORTUGUES NEAR PONCE, PR—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 3

[Remark codes: <, less than; E, estimated.]

Date	Nitrite + nitrate water filtrd, mg/L as N (00631)	Nitrite water, mg/L as N (00613)	Total nitro- gen, wat unf by anal (62855)	Phos- phorus, water, unfltrd (00665)	Fecal coliform, M-FC col/ 100 mL (31625)	Total coliform, M-Endo col/ 100 mL (31501)	Arsen- ate, water, ug/L as As (62453)	Arsenic water, ug/L as As (01002)	Arsenite, water, ug/L as As (62452)	Cadmium water, ug/L unfltrd (01027)	Chrom- ium, water, ug/L unfltrd recover- able, (01034)	Copper, water, ug/L unfltrd recover- able, (01042)	Cyanide water, mg/L (00720)
Nov 09...	.91	<.008	1.02	.02	E24	790	--	--	--	--	--	--	--
Feb 16...	.73	<.008	.81	.04	E5	400	<1.2	<2	<1.0	<.04	<2	1.0	<.01
May 12...	.90	<.008	.99	.05	140	800	--	--	--	--	--	--	--
Aug 10...	.89	<.008	1.04	.03	72	3,900	<1.2	<2	<1.0	<.04	<2	E.6	E.005

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 3

[Remark codes: <, less than; E, estimated.]

Date	Lead, water, ug/L (01051)	Mercury, water, ug/L (71900)	Selen- ium, water, ug/L (01147)	Zinc, water, ug/L (01090)	MBAS, water, ug/L (38260)
Nov 09...	--	--	--	--	--
Feb 16...	<.06	<.010	.4	.7	<.10
May 12...	--	--	--	--	--
Aug 10...	<.06	<.010	.9	2.6	<.10

50115000 RIO PORTUGUES NEAR PONCE, PR—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 3

[Remark codes: <, less than; E, estimated.]

Date	Time	Agency analyzing sample, code (00028)	Altitude of land surface (72000)	Instantaneous discharge, cfs (00061)	Drainage area, mi ² (81024)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	pH, water, unfltrd field, dissolved oxygen, mg/L (00300)	Specif. conductance, uS/cm (00400)	Temper-ature, water, deg C (00095)	Calcium water unfltrd recoverable, mg/L (00010)	Magnes-ium, water, unfltrd recoverable, mg/L (00927)	Ammonia water, unfltrd mg/L as N (00610)
Nov 03...	1100	80020	470	31	8.82	<2.0	8.1	8.3	357	24.7	--	--
Feb 02...	1225	80855	470	5.2	8.82	<2.0	8.9	8.6	375	22.3	55.7	8.41
May 04...	0750	80020	470	13	8.82	<2.0	8.2	8.5	345	22.6	--	--
Aug 17...	1150	80855	470	5.9	8.82	<2.0	7.7	8.5	340	27.0	47.3	6.86

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 3

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Date	Nitrite + nitrate water filtrd, mg/L as N (00631)	Nitrite water filtrd, mg/L as N (00613)	Total nitrogen, wat unf by anal (62855)	Phosphorus, water, unfltrd (00665)	Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)	Total coliform, M-Endo, immed, col/ 100 mL (31501)	Arsen-ate, water, fltrd, ug/L as As (62453)	Arsenic water, unfltrd ug/L as As (01002)	Arsen-ite, water, fltrd, ug/L as As (62452)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium, water, unfltrd recoverable, ug/L (01034)	Copper, water, unfltrd recoverable, ug/L (01042)	Cyanide water, unfltrd mg/L (00720)
Nov 03...	.98	<.008	1.03	.04	170	370	--	--	--	--	--	--	--
Feb 02...	.73	<.008	.83	.04	--	85	<1.2	.33	<1.0	<.04	<2	1.0	<.010
May 04...	.84	<.008	1.00	.04	180	760	--	--	--	--	--	--	--
Aug 17...	.58	E.001	1.00	.04	E12	E334	<1.2	.29	<1.0	<.04	<2	.8	<.010

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Part 3 of 3

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	Lead, water, recover Date	Mercury water, unfltrd ug/L (01051)	Selen- ium, recover -able, ug/L (71900)	Zinc, water, unfltrd ug/L (01147)	MBAS, water, filtrd, ug/L (01090)	
Nov						
03...	--	--	--	--	--	--
Feb						
02...	<.06	<.010	.21	1.5	<.10	
May						
04...	--	--	--	--	--	--
Aug						
17...	<.06	<.010	.16	1.7	<.10	